

Welcome to STN International! Enter x:X

LOGINID:ssspta1653rxt

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

\*\*\*\*\* Welcome to STN International \*\*\*\*\*

NEWS 1 Web Page for STN Seminar Schedule - N. America  
NEWS 2 NOV 22 Higher System Limits Increase the Power of STN  
Substance-Based Searching  
NEWS 3 NOV 24 Search an additional 46,850 records with MEDLINE  
backfile extension to 1946  
NEWS 4 DEC 14 New PNK Field Allows More Precise Crossover among STN  
Patent Databases  
NEWS 5 DEC 18 ReaxysFile available on STN  
NEWS 6 DEC 21 CAS Learning Solutions -- a new online training experience  
NEWS 7 DEC 22 Value-Added Indexing Improves Access to World Traditional  
Medicine Patents in CAPLUS  
NEWS 8 JAN 24 The new and enhanced DPCI file on STN has been released  
NEWS 9 JAN 26 Improved Timeliness of CAS Indexing Adds Value to  
USPATFULL and USPAT2 Chemistry Patents  
NEWS 10 JAN 26 Updated MeSH vocabulary, new structured abstracts, and  
other enhancements improve searching in STN reload of  
MEDLINE  
NEWS 11 JAN 28 CABA will be updated weekly  
NEWS 12 FEB 23 PCTFULL file on STN completely reloaded  
NEWS 13 FEB 23 STN AnaVist Test Projects Now Available for  
Qualified Customers  
NEWS 14 FEB 25 LPCI will be replaced by LDPCI  
NEWS 15 MAR 07 Pricing for SELECTing Patent, Application, and Priority  
Numbers in the USPAT and IFI Database Families is Now  
Consistent with Similar Patent Databases on STN  
NEWS 16 APR 26 Expanded Swedish Patent Application Coverage in CA/CAPLUS  
Provides More Current and Complete Information  
NEWS 17 APR 28 The DWPI (files WPINDEX, WPIDS and WPIX) on STN have been  
enhanced with thesauri for the European Patent Classifications  
NEWS 18 MAY 02 MEDLINE Improvements Provide Fast and Simple Access to DOI and  
Chemical Name Information  
NEWS 19 MAY 12 European Patent Classification thesauri added to the INPADOC  
files, PCTFULL, GBFULL and FRFULL  
NEWS 20 MAY 20 PATDPA database updates to end in June 2011  
NEWS 21 MAY 23 Enhanced performance of STN biosequence searches  
NEWS 22 MAY 23 Free Trial of the Numeric Property Search Feature  
in PCTFULL on STN

NEWS EXPRESS 17 DECEMBER 2010 CURRENT WINDOWS VERSION IS V8.4.2 .1,  
AND CURRENT DISCOVER FILE IS DATED 24 JANUARY 2011.

NEWS HOURS STN Operating Hours Plus Help Desk Availability  
NEWS LOGIN Welcome Banner and News Items

Enter NEWS followed by the item number or name to see news on that  
specific topic.

All use of STN is subject to the provisions of the STN customer  
agreement. This agreement limits use to scientific research. Use

for software development or design, implementation of commercial gateways, or use of CAS and STN data in the building of commercial products is prohibited and may result in loss of user privileges and other penalties.

\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 08:30:26 ON 17 JUN 2011

=> file registry

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.23

0.23

FILE 'REGISTRY' ENTERED AT 08:30:37 ON 17 JUN 2011

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

COPYRIGHT (C) 2011 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 16 JUN 2011 HIGHEST RN 1309647-19-5

DICTIONARY FILE UPDATES: 16 JUN 2011 HIGHEST RN 1309647-19-5

CAS Information Use Policies apply and are available at:

<http://www.cas.org/legal/infopolicy.html>

TSCA INFORMATION NOW CURRENT THROUGH January 14, 2011.

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stdoc/properties.html>

=> s wmezdreinnyslihsliiesqngqekneqell/sqep

L1 111 WMEZDREINNYSLIHSLEESQNGQEKNEQELL/SQEP

=> d l1 1-25

L1 ANSWER 1 OF 111 REGISTRY COPYRIGHT 2011 ACS on STN

RN 1295681-51-4 REGISTRY

ED Entered STN: 16 May 2011

CN L-Leucine, L-tryptophyl-L-methionyl-L- $\alpha$ -glutamyl-L-tryptophyl-L- $\alpha$ -aspartyl-L-arginyl-L- $\alpha$ -glutamyl-L-isoleucyl-L-asparaginyll-L-asparaginyll-L-tyrosyl-L-threonyll-L-seryl-L-leucyl-L-isoleucyl-L-histidyl-L-seryl-L-leucyl-L-isoleucyl-L- $\alpha$ -glutamyl-L- $\alpha$ -glutamyl-L-seryl-L-glutaminyll-L-asparaginyll-L-glutaminyll-L-glutaminyll-L- $\alpha$ -glutamyl-L-lysyl-L-asparaginyll-L- $\alpha$ -glutamyl-L-glutaminyll-L- $\alpha$ -glutamyl-L-leucyl- (CA INDEX NAME)

OTHER NAMES:

CN 7: PN: WO2011050222 SEQID: 7 unclaimed protein

FS PROTEIN SEQUENCE

MF Unspecified

CI MAN

SR CA  
LC STN Files: CA, CAPLUS, TOXCENTER

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L1 ANSWER 2 OF 111 REGISTRY COPYRIGHT 2011 ACS on STN  
RN 1246424-28-1 REGISTRY  
ED Entered STN: 15 Oct 2010  
CN L-Leucine, L-tryptophyl-L-methionyl-L- $\alpha$ -glutamyl-L-tryptophyl-L- $\alpha$ -aspartyl-L-arginyl-L- $\alpha$ -glutamyl-L-isoleucyl-L-asparaginyl-L-asparaginyl-L-tyrosyl-L-threonyl-L-seryl-L-leucyl-L-isoleucyl-L-histidyl-L-seryl-L-leucyl-L-isoleucyl-L- $\alpha$ -glutamyl-L- $\alpha$ -glutamyl-L-seryl-L-glutamyl-L-asparaginyl-L-glutamyl-L-glutamyl-L- $\alpha$ -glutamyl-L-lysyl-L-asparaginyl-L- $\alpha$ -glutamyl-L-glutamyl-L- $\alpha$ -glutamyl-L-leucyl- (CA INDEX NAME)  
FS PROTEIN SEQUENCE  
MF Unspecified  
CI MAN  
SR CA  
LC STN Files: CA, CAPLUS

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L1 ANSWER 3 OF 111 REGISTRY COPYRIGHT 2011 ACS on STN  
RN 1246406-09-6 REGISTRY  
ED Entered STN: 15 Oct 2010  
CN L-Leucinamide, N-acetyl-L-tryptophyl-L-methionyl-L- $\alpha$ -glutamyl-L-tryptophyl-L- $\alpha$ -aspartyl-L-arginyl-L- $\alpha$ -glutamyl-L-isoleucyl-L-asparaginyl-L-asparaginyl-L-tyrosyl-L-threonyl-L-seryl-L-leucyl-L-isoleucyl-L-histidyl-L-seryl-L-leucyl-L-isoleucyl-L- $\alpha$ -glutamyl-L- $\alpha$ -glutamyl-L-seryl-L-glutamyl-L-glutamyl-L-asparaginyl-L-glutamyl-L-glutamyl-L- $\alpha$ -glutamyl-L-lysyl-L-asparaginyl-L- $\alpha$ -glutamyl-L-glutamyl-L- $\alpha$ -glutamyl-L-leucyl- (CA INDEX NAME)  
FS PROTEIN SEQUENCE  
MF Unspecified  
CI MAN  
SR CA  
LC STN Files: CA, CAPLUS

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L1 ANSWER 4 OF 111 REGISTRY COPYRIGHT 2011 ACS on STN  
RN 1237156-87-4 REGISTRY  
ED Entered STN: 20 Aug 2010  
CN L-Leucine, L-tryptophyl-L-methionyl-L- $\alpha$ -glutamyl-L-tryptophyl-L- $\alpha$ -aspartyl-L-arginyl-L- $\alpha$ -glutamyl-L-isoleucyl-L-asparaginyl-L-

asparaginyL-L-tyrosyl-L-threonyL-L-seryl-L-leucyl-L-isoleucyl-L-histidyl-L-  
seryl-L-leucyl-L-isoleucyl-L- $\alpha$ -glutamyl-L- $\alpha$ -glutamyl-L-seryl-L-  
glutaminyL-L-asparaginyL-L-glutaminyL-L-glutaminyL-L- $\alpha$ -glutamyl-L-  
lysyl-L-asparaginyL-L- $\alpha$ -glutamyl-L-glutaminyL-L- $\alpha$ -glutamyl-L-  
leucyl- (CA INDEX NAME)

FS PROTEIN SEQUENCE  
MF Unspecified  
CI MAN  
SR CA  
LC STN Files: CA, CAPLUS

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L1 ANSWER 5 OF 111 REGISTRY COPYRIGHT 2011 ACS on STN  
RN 1236132-24-3 REGISTRY  
ED Entered STN: 13 Aug 2010  
CN L-Leucinamide, N-acetyl-L-tryptophyl-L-methionyl-L- $\alpha$ -glutamyl-L-  
tryptophyl-L- $\alpha$ -aspartyl-L-arginyl-L- $\alpha$ -glutamyl-L-isoleucyl-L-  
asparaginyL-N-(2-(acetylamino)-2-deoxy- $\beta$ -D-glucopyranosyl)-L-  
asparaginyL-L-tyrosyl-L-threonyL-L-seryl-L-leucyl-L-isoleucyl-L-histidyl-L-  
seryl-L-leucyl-L-isoleucyl-L- $\alpha$ -glutamyl-L- $\alpha$ -glutamyl-L-seryl-L-  
glutaminyL-L-asparaginyL-L-glutaminyL-L-glutaminyL-L- $\alpha$ -glutamyl-L-  
lysyl-L-asparaginyL-L- $\alpha$ -glutamyl-L-glutaminyL-L- $\alpha$ -glutamyl-L-  
leucyl- (CA INDEX NAME)

FS PROTEIN SEQUENCE  
MF Unspecified  
CI MAN  
SR CA  
LC STN Files: CA, CAPLUS, CASREACT

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L1 ANSWER 6 OF 111 REGISTRY COPYRIGHT 2011 ACS on STN  
RN 1236132-21-0 REGISTRY  
ED Entered STN: 13 Aug 2010  
CN INDEX NAME NOT YET ASSIGNED  
FS PROTEIN SEQUENCE  
MF Unspecified  
CI MAN  
SR CA  
LC STN Files: CA, CAPLUS, CASREACT

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*

\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L1 ANSWER 7 OF 111 REGISTRY COPYRIGHT 2011 ACS on STN  
RN 1225095-95-3 REGISTRY  
ED Entered STN: 25 May 2010  
CN L-Leucine, L-tryptophyl-L-methionyl-L- $\alpha$ -glutamyl-L-tryptophyl-L- $\alpha$ -aspartyl-L-arginyl-L- $\alpha$ -glutamyl-L-isoleucyl-L-asparaginyl-L-asparaginyl-L-tyrosyl-L-threonyl-L-seryl-L-leucyl-L-isoleucyl-L-histidyl-L-seryl-L-leucyl-L-isoleucyl-L- $\alpha$ -glutamyl-L- $\alpha$ -glutamyl-L-seryl-L-glutamyl-L-asparaginyl-L-glutamyl-L-glutamyl-L- $\alpha$ -glutamyl-L-lysyl-L-asparaginyl-L- $\alpha$ -glutamyl-L-glutamyl-L- $\alpha$ -glutamyl-L-leucyl- (CA INDEX NAME)

OTHER NAMES:

CN 1: PN: WO2010051544 SEQID: 11 unclaimed protein  
FS PROTEIN SEQUENCE  
MF Unspecified  
CI MAN  
SR CA  
LC STN Files: CA, CAPLUS, USPATFULL

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L1 ANSWER 8 OF 111 REGISTRY COPYRIGHT 2011 ACS on STN  
RN 1224543-84-3 REGISTRY  
ED Entered STN: 19 May 2010  
CN L-Leucinamide, N-acetyl-L-tryptophyl-L-methionyl-L- $\alpha$ -glutamyl-L-tryptophyl-L- $\alpha$ -aspartyl-L-arginyl-L- $\alpha$ -glutamyl-L-isoleucyl-L-asparaginyl-L-asparaginyl-L-tyrosyl-L-threonyl-L-seryl-L-leucyl-L-isoleucyl-L-histidyl-L-seryl-L-leucyl-L-isoleucyl-L- $\alpha$ -glutamyl-L- $\alpha$ -glutamyl-L-seryl-L-glutamyl-L-asparaginyl-L-glutamyl-L-glutamyl-L- $\alpha$ -glutamyl-L-lysyl-L-asparaginyl-L- $\alpha$ -glutamyl-L-glutamyl-L- $\alpha$ -glutamyl-L-leucyl- (CA INDEX NAME)

OTHER NAMES:

CN 2: PN: US20100099185 SEQID: 2 claimed protein  
FS PROTEIN SEQUENCE  
MF Unspecified  
CI MAN  
SR CA  
LC STN Files: CA, CAPLUS, USPATFULL

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L1 ANSWER 9 OF 111 REGISTRY COPYRIGHT 2011 ACS on STN  
RN 1222589-36-7 REGISTRY  
ED Entered STN: 12 May 2010  
CN L-Leucine, L-tryptophyl-L-methionyl-L- $\alpha$ -glutamyl-L-tryptophyl-L- $\alpha$ -aspartyl-L-arginyl-L- $\alpha$ -glutamyl-L-isoleucyl-L-asparaginyl-L-asparaginyl-L-tyrosyl-L-threonyl-L-seryl-L-leucyl-L-isoleucyl-L-histidyl-L-seryl-L-leucyl-L-isoleucyl-L- $\alpha$ -glutamyl-L- $\alpha$ -glutamyl-L-seryl-L-glutamyl-L-asparaginyl-L-glutamyl-L-glutamyl-L- $\alpha$ -glutamyl-L-lysyl-L-asparaginyl-L- $\alpha$ -glutamyl-L-glutamyl-L- $\alpha$ -glutamyl-L-leucyl- (CA INDEX NAME)

OTHER NAMES:  
CN 2: PN: WO2010045342 SEQID: 2 claimed protein  
FS PROTEIN SEQUENCE  
MF Unspecified  
CI MAN  
SR CA  
LC STN Files: CA, CAPLUS

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L1 ANSWER 10 OF 111 REGISTRY COPYRIGHT 2011 ACS on STN  
RN 1217964-82-3 REGISTRY  
ED Entered STN: 11 Apr 2010  
CN L-Leucinamide, N-acetyl-L-tryptophyl-L-methionyl-L- $\alpha$ -glutamyl-L-tryptophyl-L- $\alpha$ -aspartyl-L-arginyl-L- $\alpha$ -glutamyl-L-isoleucyl-L-asparaginyl-L-asparaginyl-L-tyrosyl-L-threonyl-L-seryl-L-leucyl-L-isoleucyl-L-histidyl-L-seryl-L-leucyl-L-isoleucyl-L- $\alpha$ -glutamyl-L- $\alpha$ -glutamyl-L-seryl-L-glutaminy-L-asparaginyl-L-glutaminy-L-glutaminy-L- $\alpha$ -glutamyl-L-lysyl-L-asparaginyl-L- $\alpha$ -glutamyl-L-glutaminy-L- $\alpha$ -glutamyl-L-leucyl- (CA INDEX NAME)  
FS PROTEIN SEQUENCE  
MF Unspecified  
CI MAN  
SR CA  
LC STN Files: CA, CAPLUS, TOXCENTER

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
2 REFERENCES IN FILE CA (1907 TO DATE)  
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L1 ANSWER 11 OF 111 REGISTRY COPYRIGHT 2011 ACS on STN  
RN 1217715-55-3 REGISTRY  
ED Entered STN: 09 Apr 2010  
CN L-Leucinamide, L-tryptophyl-L-methionyl-L- $\alpha$ -glutamyl-L-tryptophyl-L- $\alpha$ -aspartyl-L-arginyl-L- $\alpha$ -glutamyl-L-isoleucyl-L-asparaginyl-N-[O- $\alpha$ -D-mannopyranosyl-(1 $\rightarrow$ 2)-O- $\alpha$ -D-mannopyranosyl-(1 $\rightarrow$ 2)-O- $\alpha$ -D-mannopyranosyl-(1 $\rightarrow$ 3)-O-[O- $\alpha$ -D-mannopyranosyl-(1 $\rightarrow$ 2)-O- $\alpha$ -D-mannopyranosyl-(1 $\rightarrow$ 6)-O-[ $\alpha$ -D-mannopyranosyl-(1 $\rightarrow$ 3)]- $\alpha$ -D-mannopyranosyl-(1 $\rightarrow$ 6)]-O- $\beta$ -D-mannopyranosyl-(1 $\rightarrow$ 4)-O-2-(acetylamino)-2-deoxy- $\beta$ -D-glucopyranosyl-(1 $\rightarrow$ 4)-2-(acetylamino)-2-deoxy- $\beta$ -D-glucopyranosyl]-L-asparaginyl-L-tyrosyl-L-threonyl-L-seryl-L-leucyl-L-isoleucyl-L-histidyl-L-seryl-L-leucyl-L-isoleucyl-L- $\alpha$ -glutamyl-L- $\alpha$ -glutamyl-L-seryl-L-glutaminy-L-asparaginyl-L-glutaminy-L-glutaminy-L- $\alpha$ -glutamyl-L-lysyl-L-asparaginyl-L- $\alpha$ -glutamyl-L-glutaminy-L- $\alpha$ -glutamyl-L-leucyl- (CA INDEX NAME)  
FS PROTEIN SEQUENCE  
MF Unspecified  
CI MAN  
SR CA  
LC STN Files: CA, CAPLUS, CASREACT

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L1 ANSWER 12 OF 111 REGISTRY COPYRIGHT 2011 ACS on STN  
RN 1217715-43-9 REGISTRY  
ED Entered STN: 09 Apr 2010  
CN L-Leucinamide, L-tryptophyl-L-methionyl-L- $\alpha$ -glutamyl-L-tryptophyl-L- $\alpha$ -aspartyl-L-arginyl-L- $\alpha$ -glutamyl-L-isoleucyl-L-asparaginyll-N-[2-(acetylamino)-2-deoxy- $\beta$ -D-glucopyranosyl]-L-asparaginyll-L-tyrosyl-L-threonyll-L-seryl-L-leucyl-L-isoleucyl-L-histidyl-L-seryl-L-leucyl-L-isoleucyl-L- $\alpha$ -glutamyl-L- $\alpha$ -glutamyl-L-seryl-L-glutaminyll-L-asparaginyll-L-glutaminyll-L-glutaminyll-L- $\alpha$ -glutamyl-L-lysyl-L-asparaginyll-L- $\alpha$ -glutamyl-L-glutaminyll-L- $\alpha$ -glutamyl-L-leucyl-  
(CA INDEX NAME)  
FS PROTEIN SEQUENCE  
MF Unspecified  
CI MAN  
SR CA  
LC STN Files: CA, CAPLUS, CASREACT

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L1 ANSWER 13 OF 111 REGISTRY COPYRIGHT 2011 ACS on STN  
RN 1217715-31-5 REGISTRY  
ED Entered STN: 09 Apr 2010  
CN L-Leucinamide, L-tryptophyl-L-methionyl-L- $\alpha$ -glutamyl-L-tryptophyl-L- $\alpha$ -aspartyl-L-arginyl-L- $\alpha$ -glutamyl-L-isoleucyl-L-asparaginyll-L-asparaginyll-L-tyrosyl-L-threonyll-L-seryl-L-leucyl-L-isoleucyl-L-histidyl-L-seryl-L-leucyl-L-isoleucyl-L- $\alpha$ -glutamyl-L- $\alpha$ -glutamyl-L-seryl-L-glutaminyll-L-asparaginyll-L-glutaminyll-L-glutaminyll-L- $\alpha$ -glutamyl-L-lysyl-L-asparaginyll-L- $\alpha$ -glutamyl-L-glutaminyll-L- $\alpha$ -glutamyl-L-leucyl-  
(CA INDEX NAME)  
FS PROTEIN SEQUENCE  
MF Unspecified  
CI MAN  
SR CA  
LC STN Files: CA, CAPLUS, CASREACT

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L1 ANSWER 14 OF 111 REGISTRY COPYRIGHT 2011 ACS on STN  
RN 1208296-67-6 REGISTRY  
ED Entered STN: 09 Mar 2010  
CN L-Leucine, L-tryptophyl-L-methionyl-L- $\alpha$ -glutamyl-L-tryptophyl-L- $\alpha$ -aspartyl-L-arginyl-L- $\alpha$ -glutamyl-L-isoleucyl-L-asparaginyll-L-asparaginyll-L-tyrosyl-L-threonyll-L-seryl-L-leucyl-L-isoleucyl-L-histidyl-L-seryl-L-leucyl-L-isoleucyl-L- $\alpha$ -glutamyl-L- $\alpha$ -glutamyl-L-seryl-L-glutaminyll-L-asparaginyll-L-glutaminyll-L-glutaminyll-L- $\alpha$ -glutamyl-L-

lysyl-L-asparaginyl-L- $\alpha$ -glutamyl-L-glutaminyl-L- $\alpha$ -glutamyl-L-leucyl- (CA INDEX NAME)  
FS PROTEIN SEQUENCE  
MF Unspecified  
CI MAN  
SR CA  
LC STN Files: CA, CAPLUS, TOXCENTER, USPAT2, USPATFULL

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L1 ANSWER 15 OF 111 REGISTRY COPYRIGHT 2011 ACS on STN  
RN 1198126-45-2 REGISTRY  
ED Entered STN: 17 Dec 2009  
CN L-Leucine, L-tryptophyl-L-methionyl-L- $\alpha$ -glutamyl-L-tryptophyl-L- $\alpha$ -aspartyl-L-arginyl-L- $\alpha$ -glutamyl-L-isoleucyl-L-asparaginyl-L-asparaginyl-L-tyrosyl-L-threonyl-L-seryl-L-leucyl-L-isoleucyl-L-histidyl-L-seryl-L-leucyl-L-isoleucyl-L- $\alpha$ -glutamyl-L- $\alpha$ -glutamyl-L-seryl-L-glutamyl-L-asparaginyl-L-glutamyl-L-glutamyl-L- $\alpha$ -glutamyl-L-lysyl-L-asparaginyl-L- $\alpha$ -glutamyl-L-glutamyl-L- $\alpha$ -glutamyl-L-leucyl- (CA INDEX NAME)

OTHER NAMES:  
CN 11: PN: US20090298774 SEQID: 11 claimed protein  
FS PROTEIN SEQUENCE  
MF Unspecified  
CI MAN  
SR CA  
LC STN Files: CA, CAPLUS, USPATFULL

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L1 ANSWER 16 OF 111 REGISTRY COPYRIGHT 2011 ACS on STN  
RN 1190906-05-8 REGISTRY  
ED Entered STN: 02 Nov 2009  
CN L-Leucine, L-tryptophyl-L-methionyl-L- $\alpha$ -glutamyl-L-tryptophyl-L- $\alpha$ -aspartyl-L-arginyl-L- $\alpha$ -glutamyl-L-isoleucyl-L-asparaginyl-L-asparaginyl-L-tyrosyl-L-threonyl-L-seryl-L-leucyl-L-isoleucyl-L-histidyl-L-seryl-L-leucyl-L-isoleucyl-L- $\alpha$ -glutamyl-L- $\alpha$ -glutamyl-L-seryl-L-glutamyl-L-asparaginyl-L-glutamyl-L-glutamyl-L- $\alpha$ -glutamyl-L-lysyl-L-asparaginyl-L- $\alpha$ -glutamyl-L-glutamyl-L- $\alpha$ -glutamyl-L-leucyl- (CA INDEX NAME)

FS PROTEIN SEQUENCE  
MF Unspecified  
CI MAN  
SR CA  
LC STN Files: CA, CAPLUS

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
1 REFERENCES IN FILE CA (1907 TO DATE)



1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L1 ANSWER 17 OF 111 REGISTRY COPYRIGHT 2011 ACS on STN  
 RN 1187017-39-5 REGISTRY  
 ED Entered STN: 01 Oct 2009  
 CN L-Leucinamide, N-acetyl-L-tryptophyl-L-methionyl-L- $\alpha$ -glutamyl-L-tryptophyl-L- $\alpha$ -aspartyl-L-arginyl-L- $\alpha$ -glutamyl-L-isoleucyl-L-asparaginyl-L-asparaginyl-L-tyrosyl-L-threonyl-L-seryl-L-leucyl-L-isoleucyl-L-histidyl-L-seryl-L-leucyl-L-isoleucyl-L- $\alpha$ -glutamyl-L- $\alpha$ -glutamyl-L-seryl-L-glutamyl-L-asparaginyl-L-glutamyl-L-glutamyl-L- $\alpha$ -glutamyl-L-lysyl-L-asparaginyl-L- $\alpha$ -glutamyl-L-glutamyl-L- $\alpha$ -glutamyl-L-leucyl- (CA INDEX NAME)  
 FS PROTEIN SEQUENCE  
 MF Unspecified  
 CI MAN  
 SR CA  
 LC STN Files: CA, CAPLUS, CASREACT

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
 \*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
 1 REFERENCES IN FILE CA (1907 TO DATE)  
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L1 ANSWER 18 OF 111 REGISTRY COPYRIGHT 2011 ACS on STN  
 RN 1172144-45-4 REGISTRY  
 ED Entered STN: 04 Aug 2009  
 CN L-Leucine, L-tryptophyl-L-methionyl-L- $\alpha$ -glutamyl-L-tryptophyl-L- $\alpha$ -aspartyl-L-arginyl-L- $\alpha$ -glutamyl-L-isoleucyl-L-asparaginyl-L-asparaginyl-L-tyrosyl-L-threonyl-L-seryl-L-leucyl-L-isoleucyl-L-histidyl-L-seryl-L-leucyl-L-isoleucyl-L- $\alpha$ -glutamyl-L- $\alpha$ -glutamyl-L-seryl-L-glutamyl-L-asparaginyl-L-glutamyl-L-glutamyl-L- $\alpha$ -glutamyl-L-lysyl-L-asparaginyl-L- $\alpha$ -glutamyl-L-glutamyl-L- $\alpha$ -glutamyl-L-leucyl- (CA INDEX NAME)

OTHER NAMES:  
 CN 7: PN: WO2009087110 SEQID: 7 claimed protein  
 FS PROTEIN SEQUENCE  
 MF Unspecified  
 CI MAN  
 SR CA  
 LC STN Files: CA, CAPLUS

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
 \*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
 1 REFERENCES IN FILE CA (1907 TO DATE)  
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L1 ANSWER 19 OF 111 REGISTRY COPYRIGHT 2011 ACS on STN  
 RN 1169908-40-0 REGISTRY  
 ED Entered STN: 28 Jul 2009  
 CN L-Leucine, L-tryptophyl-L-methionyl-L- $\alpha$ -glutamyl-L-tryptophyl-L- $\alpha$ -aspartyl-L-arginyl-L- $\alpha$ -glutamyl-L-isoleucyl-L-asparaginyl-L-asparaginyl-L-tyrosyl-L-threonyl-L-seryl-L-leucyl-L-isoleucyl-L-histidyl-L-seryl-L-leucyl-L-isoleucyl-L- $\alpha$ -glutamyl-L- $\alpha$ -glutamyl-L-seryl-L-glutamyl-L-asparaginyl-L-glutamyl-L-glutamyl-L- $\alpha$ -glutamyl-L-lysyl-L-asparaginyl-L- $\alpha$ -glutamyl-L-glutamyl-L- $\alpha$ -glutamyl-L-leucyl- (CA INDEX NAME)

OTHER NAMES:

CN 7: PN: EP2078726 SEQID: 7 claimed sequence  
FS PROTEIN SEQUENCE  
MF Unspecified  
CI MAN  
SR CA  
LC STN Files: CA, CAPLUS, USPATFULL

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L1 ANSWER 20 OF 111 REGISTRY COPYRIGHT 2011 ACS on STN  
RN 1166347-53-0 REGISTRY  
ED Entered STN: 21 Jul 2009  
CN L-Leucine, L-serylglucyl-L-isoleucyl-L-valyl-L-glutaminy-L-glutaminy-L-glutaminy-L-asparaginy-L-leucyl-L-arginy-L-alanyl-L-isoleucyl-L- $\alpha$ -glutamyl-L-alanyl-L-glutaminy-L-glutaminy-L-histidyl-L-leucyl-L-leucyl-L-glutaminy-L-leucyl-L-threony-L-valyl-L-tryptophylglucyl-L-isoleucyl-L-lysyl-L-glutaminy-L-leucyl-L-glutaminy-L-alanyl-L-arginy-L-isoleucyl-, compd. with  
N-acetyl-L-tryptophyl-L-methionyl-L- $\alpha$ -glutamyl-L-tryptophyl-L-aspartyl-L-arginy-L- $\alpha$ -glutamyl-L-isoleucyl-L-asparaginy-L-asparaginy-L-tyrosyl-L-threony-L-seryl-L-leucyl-L-isoleucyl-L-histidyl-L-seryl-L-leucyl-L-isoleucyl-L- $\alpha$ -glutamyl-L- $\alpha$ -glutamyl-L-seryl-L-glutaminy-L-asparaginy-L-glutaminy-L-glutaminy-L- $\alpha$ -glutamyl-L-lysyl-L-asparaginy-L- $\alpha$ -glutamyl-L-glutaminy-L- $\alpha$ -glutamyl-L-leucyl-L-leucinamide (1:1) (CA INDEX NAME)  
FS PROTEIN SEQUENCE  
MF Unspecified  
CI MAN  
SR CA  
LC STN Files: CA, CAPLUS

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L1 ANSWER 21 OF 111 REGISTRY COPYRIGHT 2011 ACS on STN  
RN 1166346-94-6 REGISTRY  
ED Entered STN: 21 Jul 2009  
CN D-Leucine, D-tryptophyl-D-methionyl-D- $\alpha$ -glutamyl-D-tryptophyl-D- $\alpha$ -aspartyl-D-arginy-D- $\alpha$ -glutamyl-D-isoleucyl-D-asparaginy-D-asparaginy-D-tyrosyl-D-threony-D-seryl-D-leucyl-D-isoleucyl-D-histidyl-D-seryl-D-leucyl-D-isoleucyl-D- $\alpha$ -glutamyl-D- $\alpha$ -glutamyl-D-seryl-D-glutaminy-D-asparaginy-D-glutaminy-D-glutaminy-D- $\alpha$ -glutamyl-D-lysyl-D-asparaginy-D- $\alpha$ -glutamyl-D-glutaminy-D- $\alpha$ -glutamyl-D-leucyl- (CA INDEX NAME)  
FS PROTEIN SEQUENCE  
MF Unspecified  
CI MAN  
SR CA  
LC STN Files: CA, CAPLUS, CASREACT

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L1 ANSWER 22 OF 111 REGISTRY COPYRIGHT 2011 ACS on STN  
RN 1166345-77-2 REGISTRY  
ED Entered STN: 21 Jul 2009  
CN L-Leucinamide, N-acetyl-L-tryptophyl-L-methionyl-L- $\alpha$ -glutamyl-L-tryptophyl-L- $\alpha$ -aspartyl-L-arginyl-L- $\alpha$ -glutamyl-L-isoleucyl-L-asparaginyll-L-asparaginyll-L-tyrosyl-L-threonyll-L-seryl-L-leucyl-L-isoleucyl-L-histidyl-L-seryl-L-leucyl-L-isoleucyl-L- $\alpha$ -glutamyl-L- $\alpha$ -glutamyl-L-seryl-L-glutaminyll-L-asparaginyll-L-glutaminyll-L-glutaminyll-L- $\alpha$ -glutamyl-L-lysyl-L-asparaginyll-L- $\alpha$ -glutamyl-L-glutaminyll-L- $\alpha$ -glutamyl-L-leucyl- (CA INDEX NAME)  
FS PROTEIN SEQUENCE  
MF Unspecified  
CI MAN  
SR CA  
LC STN Files: CA, CAPLUS, CASREACT

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L1 ANSWER 23 OF 111 REGISTRY COPYRIGHT 2011 ACS on STN  
RN 1151875-60-3 REGISTRY  
ED Entered STN: 02 Jun 2009  
CN L-Leucine, L-tryptophyl-L-methionyl-L- $\alpha$ -glutamyl-L-tryptophyl-L- $\alpha$ -aspartyl-L-arginyl-L- $\alpha$ -glutamyl-L-isoleucyl-L-asparaginyll-L-asparaginyll-L-tyrosyl-L-threonyll-L-seryl-L-leucyl-L-isoleucyl-L-histidyl-L-seryl-L-leucyl-L-isoleucyl-L- $\alpha$ -glutamyl-L- $\alpha$ -glutamyl-L-seryl-L-glutaminyll-L-asparaginyll-L-glutaminyll-L-glutaminyll-L- $\alpha$ -glutamyl-L-lysyl-L-asparaginyll-L- $\alpha$ -glutamyl-L-glutaminyll-L- $\alpha$ -glutamyl-L-leucyl- (CA INDEX NAME)  
FS PROTEIN SEQUENCE  
MF Unspecified  
CI MAN  
SR CA  
LC STN Files: CA, CAPLUS

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L1 ANSWER 24 OF 111 REGISTRY COPYRIGHT 2011 ACS on STN  
RN 1140161-22-3 REGISTRY  
ED Entered STN: 28 Apr 2009  
CN L-Leucinamide, N-[2-[2-[[3-(2,5-dihydro-2,5-dioxo-1H-pyrrol-1-yl)-1-oxopropyl]amino]ethoxy]ethoxy]acetyl]-L-tryptophyl-L-methionyl-L- $\alpha$ -glutamyl-L-tryptophyl-L- $\alpha$ -aspartyl-L-arginyl-L- $\alpha$ -glutamyl-L-isoleucyl-L-asparaginyll-L-asparaginyll-L-tyrosyl-L-threonyll-L-seryl-L-leucyl-L-isoleucyl-L-histidyl-L-seryl-L-leucyl-L-isoleucyl-L- $\alpha$ -glutamyl-L- $\alpha$ -glutamyl-L-seryl-L-glutaminyll-L-asparaginyll-L-glutaminyll-L-glutaminyll-L- $\alpha$ -glutamyl-L-lysyl-L-asparaginyll-L- $\alpha$ -glutamyl-L-glutaminyll-L- $\alpha$ -glutamyl-L-leucyl- (CA INDEX NAME)

OTHER NAMES:

CN 17: PN: US20090088378 PAGE: 45 claimed sequence  
CN 3: PN: US20090088378 TABLE: 6 claimed sequence  
FS PROTEIN SEQUENCE  
DR 1140161-28-9  
MF Unspecified  
CI MAN  
SR CA  
LC STN Files: CA, CAPLUS, USPATFULL

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*

\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L1 ANSWER 25 OF 111 REGISTRY COPYRIGHT 2011 ACS on STN  
RN 1140161-08-5 REGISTRY  
ED Entered STN: 28 Apr 2009  
CN L-Leucinamide, N-[3-(2,5-dihydro-2,5-dioxo-1H-pyrrol-1-yl)-1-oxopropyl]-L-tryptophyl-L-methionyl-L- $\alpha$ -glutamyl-L-tryptophyl-L- $\alpha$ -aspartyl-L-arginyl-L- $\alpha$ -glutamyl-L-isoleucyl-L-asparaginy-L-asparaginy-L-tyrosyl-L-threonyl-L-seryl-L-leucyl-L-isoleucyl-L-histidyl-L-seryl-L-leucyl-L-isoleucyl-L- $\alpha$ -glutamyl-L- $\alpha$ -glutamyl-L-seryl-L-glutaminyl-L-asparaginy-L-glutaminyl-L-glutaminyl-L- $\alpha$ -glutamyl-L-lysyl-L-asparaginy-L- $\alpha$ -glutamyl-L-glutaminyl-L- $\alpha$ -glutamyl-L-leucyl- (CA INDEX NAME)

OTHER NAMES:

CN 15: PN: US20090088378 PAGE: 45 claimed sequence  
CN 4: PN: US20090088378 TABLE: 6 claimed sequence  
FS PROTEIN SEQUENCE  
DR 1140161-35-8  
MF Unspecified  
CI MAN  
SR CA  
LC STN Files: CA, CAPLUS, USPATFULL

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*

\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=>